

*I hereby certify that pursuant to the U.S. Patent and Trademark Office ("USPTO") instructions of 11/19/2001, the enclosed documents are being deposited for U.S. First Class Mail on 12/19, 2001, in an envelope addressed to: COMMISSIONER FOR PATENTS, 2900 CRYSTAL DRIVE, ARLINGTON, VA 22202-3513. It is further our understanding that the USPTO will be responsible for forwarding all of the enclosed documents to the USPTO Office located in Washington D.C.

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APPROVED
for
PTO DEPOSIT ACCOUNT CHARGE
ACCOUNT # 04-1700

Approved for use through 12/31/2002 OMB 0551-0031 C.
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE



TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	09/933,551
Filing Date	08/20/2001
First Named Inventor	Marcus J. laGrone
Group Art Unit	2877
Examiner Name	Unknown
Attorney Docket Number	5671.026

ENCLOSURES (check all that apply)

- ☒ Fee Transmittal Form
- ☐ Fee Attached
- ☐ Amendment / Reply
- ☐ After Final
- ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☒ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/ Incomplete Application
- ☐ Response to Missing Parts under 37 CFR 1.52 or 1.53

- ☐ Assignment Papers (for an Application)
- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) _____

- ☐ After Allowance Communication to Group
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Other Enclosure(s) (please identify below):

SEE REMARKS

Remarks

1. Information Disclosure Statement (4 pgs) - no prior art submitted
2. Fee Transmittal for FY 2001 PTO/SB/17 (1 pg);
3. Transmittal Form PTO/SB/21 (1 pg);
4. Commissioner is authorized to charge any required fees; and
5. Self-addressed, stamped, return receipt postcard

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Dunlap, Coddling & Rogers, P.C., 9400 North Broadway, Suite 420, Oklahoma City, OK 73114
	Marc A. Brockhaus, Reg. No. 40,923
Signature	<i>Marc Brockhaus</i>
Date	12-19-2001 12-19-2001

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail or U.S. Express mail no. FIRST CLASS in an envelope addressed to the address below on this date: 12-19-2001

Typed or printed name	Marc A. Brockhaus		
Signature	<i>Marc Brockhaus</i>	Date	12-19-2001

SEND TO: Box IDS
Commissioner for Patents, Washington, D.C. 20231

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for
PTO DEPOSIT ACCOUNT CHARGE
ACCOUNT # 04-1700

Approved for use through 10/31/2002 OMB 0851-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL for FY 2001 (Fees are subject to annual revision.)		Complete if Known	
		Application Number	09/933,551
TO PATENT AND TRADEMARK OFFICE		Filing Date	08/20/2001
TO TRADEMARK OFFICE		First Named Inventor	Marcus J. laGrone
TO TRADEMARK OFFICE		Examiner Name	Unknown
TO TRADEMARK OFFICE		Group Art Unit	2877
TO TRADEMARK OFFICE		Attorney Docket No.	5671.026
TOTAL AMOUNT OF PAYMENT (\$)		0	

METHOD OF PAYMENT 1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit Account Number: <u>04-1700</u> Deposit Account Name: <u>Dunlap, Coddling & Rogers, P.C.</u> <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other		FEE CALCULATION (continued) 3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Fee Code</th> <th>Large Entity (\$)</th> <th>Small Entity (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for ex parte reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>980</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - 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SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	<u>Marc Brockhaus</u>	Registration No. (Attorney/Agent)	<u>40,923</u>
Signature	<u>Marc Brockhaus</u>	Telephone	<u>(405) 478-5344</u>
		Date	<u>12-19-2001</u>

BOX IDS
COMMISSIONER FOR PATENTS
SEND TO: WASHINGTON D.C. 20231

FIRST CLASS MAIL



PATENT
Atty. Dkt. No. 5671.026

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Marcus J. laGrone)
Serial No.: 09/933,551) Art Unit: 2877
Filed: 08/20/2001)
For: **PASSIVE TILT CORRECTION**)
ON TWO AXES)

**Box IDS
Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

List of Sections Forming Part of This
Information Disclosure Statement

The following sections are being submitted for this Information Disclosure Statement:

1. [X] Preliminary Statements
2. [X] Forms PTO/SB/08A and 08B (formerly Form PTO-1449)
3. [X] Statement as to Information Not Found in Patents or Publications

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

**I hereby certify that pursuant to U.S. Patent and Trademark Office ("USPTO") instructions of 11/19/2001, the enclosed documents are being deposited for U.S. First Class Mail on December 19, 2001, in an envelope addressed to: COMMISSIONER OF PATENTS, 2900 CRYSTAL DRIVE, ARLINGTON, VA 22202-3513. IT IS FURTHER OUR UNDERSTANDING THAT THE USPTO WILL BE RESPONSIBLE FOR FORWARDING ALL OF THE ENCLOSED DOCUMENTS TO THE USPTO OFFICE LOCATED IN WASHINGTON D.C.

Marc A. Brockhaus
Name of applicant, assignee or
registered representative

Marc Brockhaus
Signature

Applicant: Marcus J. laGrone
Title: **PASSIVE TILT CORRECTION
ON TWO AXES**
Serial No.: 09/933,551
Filed: 08/20/2001
Atty. Dkt. No.: 5671.026

4. ☒ Identification of Person(s) Making this Information Disclosure Statement

Section 1. Preliminary Statements

Applicants submit herewith patents, publications or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

Section 2. Forms PTO/SB/08A and 08B (formerly Form PTO-1449)

- ☐ A completed Form PTO/SB/08A and/or Form PTO/SB/08B is attached hereto.
- ☒ No prior art is being filed with this Information Disclosure Statement at this time.

Applicant: Marcus J. laGrone
Title: **PASSIVE TILT CORRECTION
ON TWO AXES**
Serial No.: 09/933,551
Filed: 08/20/2001
Atty. Dkt. No.: 5671.026

**Section 3. Statement as to Information Not Found in Patents or Publications
(Information Not Listed in Form PTO/SB/08A and/or Form PTO/SB/08B
(Formerly PTO-1449))**

The use of scanning interferometers is a common tool in the field of spectroscopy. By changing the path length of the arm(s) of the interferometer one can develop the Fourier spectrum of a light source and thus deduce it's spectrum. In present systems, a mirror must be carefully moved back and forth some distance and yet must maintain very high levels of tolerance in the tilt for the scanning mirror. The classical method for removing tilt effects in the scanning mirror is to use a cube corner retroreflector as the scanning element. While this style of retroreflector does eliminate the effects of tilt it does so at the expense of size and mass of the scanning element, thus limiting the speed at which it can be moved.

Other systems have been devised that can remove the effects of tilt by using a Genzel style arrangement with a "roof top" mirror. Such a system permits the scanning device to be much lighter than a cube corner retroreflector but does so at the expense of requiring either two beam-splitters or one that has a much larger area than found in an uncompensated system. There exists a need for an optical arrangement that automatically compensates for tilt of a light weight moving mirror.

Applicant: Marcus J. laGrone
Title: **PASSIVE TILT CORRECTION
ON TWO AXES**
Serial No.: 09/933,551
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Atty. Dkt. No.: 5671.026

Section 4. Identification of Person(s) Making this INFORMATION DISCLOSURE STATEMENT

The person making this statement is the attorney who signs below on the basis of the information:

- ☐ supplied by the inventor(s)
- ☐ supplied by an individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c)).
- ☒ in the attorney's file

Respectfully submitted,

Marc Brockhaus

Marc A. Brockhaus, Reg. No. 40,923
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